

I claim:

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1. A probe for use with an outer member including a wall defining an interior bore, the probe comprising:
 - an elongate body, defining a distal region, a distal end, a proximal region and an interior, adapted to be carried within the outer member interior bore;
 - at least one operative element supported on the distal region of the elongate body;
 - a control element defining a distal portion associated with the distal end of the elongate body and a proximal portion extending along the exterior of the elongate body toward the proximal region of the elongate body; and
 - a steering element secured to the distal portion of the elongate body and extending within the interior of the elongate body to the proximal region of the elongate body.
2. A probe as claimed in claim 1, wherein the steering element comprises a pair of steering elements.
3. A probe as claimed in claim 1, wherein the elongate body comprises a catheter body.
4. A probe as claimed in claim 1, wherein at least the distal region of the elongate body includes a flexible spline.
5. A probe as claimed in claim 4, wherein the flexible spline comprises a solid core wire.
6. A probe as claimed in claim 4, wherein the flexible spline defines a substantially circular cross sectional shape over a substantial portion thereof and a substantially flat cross sectional shape over a relatively small portion thereof.

1 7. A probe as claimed in claim 4, wherein the steering element is
2 fixedly secured to the flexible spline.

1 8. A probe as claimed in claim 1, wherein the operative element
2 comprises an electrode.

1 9. A probe as claimed in claim 1, wherein the proximal region of the
2 elongate body is relatively long and stiff and the distal region of the elongate
3 body is relatively short and flexible.

1 10. A probe as claimed in claim 1, wherein the control element
2 comprises a pull wire.

1 11. A probe for use with an outer member including a wall defining an
2 interior bore and a distal end, the probe comprising:

3 an elongate body, defining a distal region, a distal end, a proximal
4 region and an interior, adapted to be carried within the outer member interior
5 bore;

6 at least one operative element supported on the distal region of the
7 elongate body;

8 a connector adapted to connect the distal end of the elongate body
9 to the distal end of the outer member; and

10 a steering element secured to the distal portion of the elongate
11 body and extending within the interior of the elongate body to the proximal region
12 of the elongate body.

1 12. A probe as claimed in claim 11, wherein the steering element
2 comprises a pair of steering elements.

1 13. A probe as claimed in claim 11, wherein the elongate body
2 comprises a catheter body.

1 14. A probe as claimed in claim 11, wherein at least the distal region of
2 the elongate body includes a flexible spline.

1 15. A probe as claimed in claim 14, wherein the flexible spline
2 comprises a solid core wire.

1 16. A probe as claimed in claim 14, wherein the flexible spline defines a
2 substantially circular cross sectional shape over a substantial portion thereof and
3 a substantially flat cross sectional shape over a relatively small portion thereof.

1 17. A probe as claimed in claim 14, wherein the steering element is
2 fixedly secured to the flexible spline.

1 18. A probe as claimed in claim 11, wherein the operative element
2 comprises an electrode.

1 19. A probe as claimed in claim 11, wherein the proximal region of the
2 elongate body is relatively long and stiff and the distal region of the elongate
3 body is relatively short and flexible.

1 20. A probe as claimed in claim 11, wherein the connector is integral
2 with the outer member.

1 21. A probe, comprising:
2 an elongate body defining a distal region and an interior;
3 a loop structure defining an interior and associated with the distal
4 region of the elongate body;
5 at least one operative element supported on the loop structure; and
6 a steering element secured to the interior of the loop structure and
7 extending through the interior of the loop structure and the interior of the elongate
8 body to the proximal region of the elongate body.

1 22. A probe as claimed in claim 21, wherein the steering element
2 comprises a pair of steering elements.

1 23. A probe as claimed in claim 21, wherein the elongate body
2 comprises a catheter body.

1 24. A probe as claimed in claim 21, wherein at least the distal region of
2 the elongate body includes a flexible spline.

1 25. A probe as claimed in claim 24, wherein the flexible spline
2 comprises a solid core wire.

1 26. A probe as claimed in claim 24, wherein the flexible spline defines a
2 substantially circular cross sectional shape over a substantial portion thereof and
3 a substantially flat cross sectional shape over a relatively small portion thereof.

1 27. A probe as claimed in claim 24, wherein the steering element is
2 fixedly secured to the flexible spline.

1 28. A probe as claimed in claim 21, wherein the operative element
2 comprises an electrode.

1 29. A probe as claimed in claim 21, wherein the proximal region of the
2 elongate body is relatively long and stiff and the distal region of the elongate
3 body is relatively short and flexible.

1 30. A probe as claimed in claim 21, further comprising:
2 a control element defining a distal portion associated with the loop
3 structure and a proximal portion extending along the exterior of the elongate
4 body toward the proximal region of the elongate body.

1 31. A probe, comprising:
2 an elongate body defining a distal region and a proximal region;
3 at least one operative element supported on the distal region of the
4 elongate body; and
5 a steering element secured at a first side of the distal region of the
6 elongate body and extending to a second side of the distal region opposite the
7 first side of the distal region and from the second side of the distal region to the
8 proximal region of the elongate body.

1 32. A probe as claimed in claim 31, wherein the distal portion of the
2 elongate body defines a steering wire lumen extending from the first side to the
3 second side.

1 33. A probe as claimed in claim 31, wherein the first side is offset from
2 the second side by 180 degrees.

1 34. A probe as claimed in claim 31, wherein the steering wire is
2 secured to the at least one operative element.